



04-06-01

PTO/SB/05 (11-00)

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No	18894-07
First Inventor	Gert Lyng Nielsen
Title	LOW PHASE NOISE FREQUENCY CONVERTER
Express Mail Label No	EL752183498US

J1046 U.S. PTO  
00989330  
07/15/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Application claims small entity status  
See 37 CFR 1.27

3.  Specification [ Total Pages 36 ]  
(Preferred arrangement set forth below)
 

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113) [ Total Sheets 7 ]

5. Oath or Declaration [ Total Pages 2 ]  
 a.  Newly executed (original or copy)

b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)

i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application. see 37 CFR 1.63(d)(2) and 1.33(b)

6.  Application Data Sheet See 37 CFR 1.76

18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data sheet under 37 CFR 1.76

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No \_\_\_\_\_ / \_\_\_\_\_

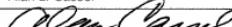
Prior application information      Examiner \_\_\_\_\_

Group/Art Unit \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Custom No. or Attach bar code label here)			<input checked="" type="checkbox"/> Correspondence address below
Name	John S. Beulick			
Address	Armstrong Teasdale LLP One Metropolitan Sq., Suite 2600			
City	St Louis	State	Missouri	Zip Code
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Name (Print/type)	Alan L. Cassel	Registration No. (Attorney/Agent)	35,842
Signature		Date	July 5, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$ 395.00)

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Gert Lyng Nielsen
Group Art Unit	
Examiner Name	
Attorney Docket Number	18894-07

## METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to

Deposit Account Number **01-2384**

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status See 37 CFR 1.16 and 1.17

2  Payment Enclosed

Check     Credit Card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355 Utility Filing Fee	<b>355.00</b>
106	320	206	160 Design Filing Fee	
107	490	207	245 Plant Filing Fee	
108	710	208	355 Reseuse filing Fee	
114	150	214	75 Provisional Filing Fee	
SUBTOTAL (1)				<b>355.00</b>

## 2. EXTRA CLAIM FEES

Total Claims	20	-20**	x	9.00	=	Fee Paid
Independent Claims	4	-3*	x	40.00	=	40.00
Multiple Dependant			x		=	

Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103	18	203	9 Claims in excess of 20	
102	80	202	40 Independent claims in excess of 3	
104	270	204	135 Multiple dependent claim, if not paid	
109	80	209	40 ***Reseuse independent claims over original patent	
110	18	210	9 ***Reseuse claims in excess of 20 and over original patent	
SUBTOTAL (2)				<b>40.00</b>

\*\*or number previously paid, if greater. For Reissues, see above

## FEE CALCULATION (continued)

3 ADDITIONAL FEES	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	
127	50	227	25 Surcharge-late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2520	147	2520 For filing a request for ex parte reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	390	216	195 Extension for reply within second Month	
117	890	217	445 Extension for reply within third month	
118	1390	216	695 Extension for reply within fourth month	
128	1890	228	945 Extension for reply within fifth month	
119	310	219	155 Notice of Appeal	
120	310	220	155 Filing a brief in support of an appeal	
121	270	221	135 Request for oral hearing	
138	1510	138	1510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive – unavoidable	
141	1240	241	620 Petition to revive – unintentional	
142	1240	242	620 Utility issue fee (or resuee)	
143	440	243	220 Design issue fee	
144	600	244	300 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Petitions related to provisional applications	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment or conveyance or license in the patent or application files (times number of properties)	
146	710	246	355 Filing a submission after a final rejection (37 CFR 1.129(a))	
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

## SUBMITTED BY

Name (Print/Type)	Alan L. Cassel	Registration No. (Attorney/Agent)	35,842	Telephone	314-621-5070
Signature				Date	July 5, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2036.

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PATENT  
18894-07

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Express Mail mailing label number: EL752183498US

Date of Mailing: July 5, 2001

I certify that the attached complete utility patent application of **GERT LYNGE NIELSEN** for **LOW PHASE NOISE FREQUENCY CONVERTER**, which claims the benefit of U.S. Provisional Application No. 60/216,197 filed July 6, 2000, and U.S. Provisional Application No. 60/230,675 filed September 7, 2000, including:

- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (1 pg., in duplicate)
- Application: Specification (29 pgs.); Claims (6 pgs.); and Abstract (1 pg.)
- Seven (7) sheets of drawings
- Preliminary Amendment (2 pgs.)
- Declaration and Power of Attorney (2 pgs.)
- Assignment (3 pgs.); Recordation Form Cover Sheet (1 pg., in duplicate)
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.



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